

COLORADO RIVER MAIN STEM**09383000 COLORADO RIVER AT COMPACT POINT, NEAR LEES FERRY, AZ**

LOCATION.--Lat 36°51'05", long 111°36'21", in NE $\frac{1}{4}$ SE $\frac{1}{4}$ sec. 23, T.40 N., R.7 E., Coconino County, Hydrologic Units 14070006, 15010001, (see REMARKS), 1 mi downstream from Paria River, 1.4 mi downstream from gage on Colorado River at Lees Ferry, and 29 mi downstream from Utah-Arizona State line.

DRAINAGE AREA.--112,000 mi², approximately, including 3,959 mi² in Great Divide basin in southern Wyoming, which is noncontributing.

PERIOD OF RECORD.--Oct. 1913 to current year (monthly discharge only). Prior to Oct. 1950, published in WSP 1313.

DETERMINATION OF DISCHARGE.--There is no gage. Monthly and yearly discharge computed as the sum of flow at stations on Colorado River and Paria River at Lees Ferry.

REMARKS.--This location on the Colorado River is the dividing point between the Upper Basin and Lower Basin, as defined in the Colorado River Compact of 1922. Flow substantially regulated by Lake Powell beginning Mar. 13, 1963. (See elsewhere in this report.)

AVERAGE DISCHARGE.--49 years (water years 1914--1962), 17,760 ft³/s, 12,870,000 acre-ft/yr; 40 years (water years 1965--2004), 14,000 ft³/s, 10,150,000 acre-ft/yr

Monthly discharge, water year October 2003 to September 2004

Month	Mean, in cubic feet per second	Runoff, in acre-feet
October	8,146	500,900
November	8,122	483,300
December.....	9,994	614,500
Calendar year 2003.....	11,570	8,376,000
January.....	13,070	803,700
February.....	13,210	760,000
March.....	13,280	816,700
April.....	10,990	654,200
May.....	9,777	601,200
June.....	13,600	809,500
July	14,790	909,500
August	14,720	905,400
September.....	8,222	489,300
Water year 2004.....	11,500	8,348,000

NOTE.--Record shown is sum of flow at stations on Colorado River and Paria River at Lees Ferry.